

**CLAIMS**

1. A screw arrangement (14) comprising a hollowness (22,32) for insertion of a threaded axis (13) along which the screw arrangement (14) is movably arranged,

5 characterised in

a first resilient part (143) to eliminate an axial allowance and a second resilient part (25) to eliminate a radial allowance,

10 the screw hollowness (22,32) at its inside being equipped with semi-spheres (21,31) that follow the turn of the threads of the threaded axis (13).

2. The screw arrangement according to claim 1, whereby the screw consists of a first part (20) and a second part (30) that are connectable to each other.

15 3. The screw arrangement according to claim 2, whereby the first part (20) can be inserted into the second part (30).

4. The screw arrangement according to claim 2 or 3, whereby the first resilient part constitutes a separate spring (143).

20 5. The screw arrangement according to claim 2 or 3, whereby the first resilient part constitutes an integrated part of the first part of the screw.

25 6. The screw arrangement according to claim 4 or 5, whereby the second resilient part constitutes at least one resilient tongue (25) that is arranged in parallel to the screw axis for insertion into corresponding grooves (35) of the second screw part (30).

7. The screw arrangement according to claim 6, whereby the resilient tongue (25) at its end is equipped with a bulge

(27) to secure a firm connection of the first and second screw part.

8. The screw arrangement according to claim 3, whereby the first screw part (20) comprises one or more convex 5 protrusions (28) and the second screw part (30) comprises corresponding grooves (34) for insertion of the first part into the second part.

9. The screw arrangement according to claim 1, whereby six 10 semi-spheres (21,31) are arranged at the inside of the screw hollowness (22,32) of the first and second screw part which follow one turn of the threaded axis (13).

10. The screw arrangement according to claim 1, whereby the semi-spheres (21,31) comprise a cross section that minimises the contacting surface between semi-sphere and the threaded 15 surface of the axis.

11. The screw arrangement according to one of the preceding claims comprising a threaded means for fastening of a tuner object.

12. The screw arrangement according to one of the preceding 20 claims consisting of a plastic material that comprises a sliding surface and low electric losses.

13. A tuning arrangement (10) for precision steering of the position of a tuner (15) in a cavity (12),

characterised in

25 the tuner (15) being movably arranged at a threaded axis (13) by help of a screw arrangement (14) according to one of claims 1-12.